

# *ACTIVE NIGHT VISION COOLING SYSTEM*

## **Abstract**

A thermal control system (11) for a light source (46) of a vision system (10) includes a cooling assembly (61) that has a cooling device (62) and is thermally coupled to the light source (46). A thermal sensor (60) is thermally coupled to the light source (46) and generates a light source temperature signal. A control circuit (50) is coupled to the cooling assembly (61) and to the thermal sensor (60) and operates the cooling device (62) when the light source temperature signal is above a minimum temperature limit.